

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): LAKHOTKIN, Yury  
Viktorovich et al. Examiner: Not Yet Assigned

Serial No.: Not Yet Assigned Group Art Unit: Not Yet Assigned

Filed: Filed Herewith

Title: SELF-SHARPENING CUTTING TOOL WITH HARD COATING

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, this Information Disclosure Statement includes Form PTO-1449:

1. ☒ listing documents including patents, publications and other information for consideration by the Examiner, however, since the subject application was filed after June 30, 2003, copies of United States patents, and/or United States patent applications, and/or United States patent application publications are not included in this information disclosure statement; and/or
2. ☐ listing documents including patents, publications and other information that have been previously cited or submitted to the Patent Office in prior application U.S. Serial No. \_\_\_\_\_, filed \_\_\_\_\_ which is properly identified and relied on for an earlier effective filing date under 35 U.S.C. 120 for consideration by the Examiner; however, in accordance with 37 C.F.R. 1.98(d), copies of such documents are not included in this information disclosure statement; and/or
3. ☐ listing documents including patents, publications, and other information for consideration by the Examiner, copies of which are included with this information disclosure statement;

4. ☐ listing other information for the Examiner's consideration which was cited in a communication from a foreign patent office in a counterpart foreign application, a copy of which is included with this information disclosure statement.

The information herein cited is only in fulfillment of Applicant(s) duty of candor in disclosing all information brought to Applicant(s) attention. This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each and every document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application and is evidence that the Examiner has considered the document.

This Information Disclosure Statement is being filed:

I) ☒ Within three (3) months of filing the subject Application or entry of the subject Application into the national stage or before mailing of the first Office Action on the merits of the subject Application or a request for continued examination thereof, whichever event occurs last pursuant to of 37 C.F.R §1.97 (b); or

II) ☐ After the period specified in (I) but before the mailing date of either a final Official Action under 37 C.F.R §1.113 or a notice of allowance under 37 C.F.R §1.311 whichever occurs first and;

1. ☐ the undersigned hereby states that each item of information listed on the Form PTO-1449 was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to

the filing of this Information Disclosure Statement or (ii) not cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, not known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this information disclosure statement; or

2. ☐ the undersigned hereby authorizes the Patent Office to charge the fee in the amount of \$180.00 under 37 C.F.R §1.17 (p) to Deposit Account 05-0649.

III) ☐ After the period in (I) and (II) but before the payment of the issue fee and,

1. The undersigned hereby states:

a) ☐ that each item of information cited on the form PTO-1449 was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement; or

b) ☐ that no items of information contained in Form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement; and

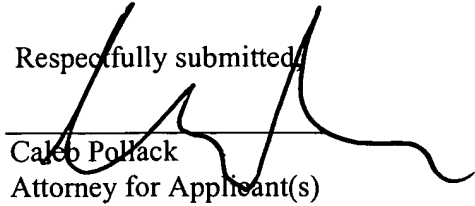
2. ☐ The undersigned hereby authorizes the Patent Office to charge the Petition fee in the Amount of \$180.00 under 37 C.F.R §1.17 (p) to Deposit Account 05-0649.

• APPLICANTS: LAKHOTKIN, Jury Viktorovich et al.  
SERIAL NO.: Not yet assigned  
FILED: Filed with  
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10/509109

**Except** for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 05-0649.

Respectfully submitted,

  
Caleb Pollack  
Attorney for Applicant(s)  
Registration No.

Dated: September 22, 2004

**Eitan, Pearl, Latzer & Cohen Zedek, LLP.**  
10 Rockefeller Plaza, Suite 1001  
New York, New York 10020  
Tel: (212) 632-3480  
Fax: (212) 632-3490

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
Application Number		Not Yet Assigned			
Filing Date		Filed Herewith			
First Named Inventor		LAKHOTKIN, Yury Viktorovich			
Group Art Unit		Not Yet Assigned			
Examiner Name		Not Yet Assigned			
Attorney Docket Number		P-7214-US			

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A	6,083,570	A	Lemelson, et al.	July 4, 2000	
	B	5,799,549	A	Decker, et al.	Sept 1, 1998	
	C	6,105,261		Ecer	Aug 22, 2000	
	D	6,109,138		Upton	Aug 29, 2000	
	E	4,945,640		Garg, et al.	Aug 7, 1990	
	F	4,910,091		Garg, et al.	March 20, 1990	
	G	5,262,202		Garg, et al.	Nov 16, 1993	
	H	2,714,563		Poorman, et al.	Aug 2, 1955	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	I	WO	97/39862	A1	Braun, et al.	April 23, 1997		<input type="checkbox"/>
	J	WO	00/47796	A1		Feb 11, 1999		<input type="checkbox"/>
	K	DE	2429814	A1	Bauer	June 21, 1974		<input type="checkbox"/>
	L	EP	0567300	A1	Williams, et al.	Oct 27, 1993		<input type="checkbox"/>
	M	EP	0386658	A2	Garg, et al.	Sept 12, 1990		<input type="checkbox"/>
	N	EP	0329085	A1	Garg, et al.	Aug 23, 1989		<input type="checkbox"/>
	O	EP	0305917	A2	Garg, et al.	March 8, 1989		<input type="checkbox"/>
	P	EP	0850731	A2	Koenig, et al.	Oct 31, 1997		<input type="checkbox"/>
	Q	EP	0707921	A2	Wordtmann, et al.	April 24, 1996		<input type="checkbox"/>
	R	EP	0042586	A1	Roberts	Dec 30, 1981		<input type="checkbox"/>
	S	EP	1158070	A1	Lakhotkin, et al.	Nov 28, 2001		
	T	EP	0628379	A1	Schafer	Dec 14, 1991		
	U	EP	0528592	A1	Iacovangelo	Feb 24, 1993		
	V	EP	0569660	A1	Latz, et al.	Nov 11, 1993		
	W	EP	1287953	A1	Yamada, et al.	March 5, 2003		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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